

Message

From: Poy, Thomas [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6D30804725BE4468B610F9863E2C938E-TPOY02]
Sent: 10/25/2019 6:59:46 PM
To: Porter, Andrea [porter.andrea@epa.gov]; Crooks, Jennifer [crooks.jennifer@epa.gov]; Deltoral, Miguel [deltoral.miguel@epa.gov]
Subject: RE: mi pb ales --> more data; corrected 5th liter Y/N field

Granted that lead levels are variable and are they really sampling at all LSL sites, but it is interesting that of LSL systems that had to sample the 5th liter there is nearly a 50/50 split with respect to being above or below the action level.

Public Water Supply ID	System Name	County	Population	Last Monitoring Period End	Lead 90th Percentile (ppb)	Includes 5th liter?	Sampling Next Due (subject to change)
MI0004220	MELVINDALE	WAYNE	10,715	9/30/2019	370	Y	6/30/2020
MI0005200	PARCHMENT	KALAMAZOO	3,174	6/30/2019	58	Y	12/31/2019
MI0003140	HIGHLAND PARK	WAYNE	11,776	9/30/2019	57	Y	6/30/2020
MI0001740	DEARBORN HEIGHTS	WAYNE	57,774	9/30/2019	34	Y	6/30/2020
MI0000600	BENTON HARBOR	BERRIEN	9,970	6/30/2019	27	Y	12/31/2019
MI0001420	CLARE, CITY OF	CLARE	3,118	9/30/2019	27	Y	6/30/2020
MI0002550	GARDEN CITY	WAYNE	27,625	9/30/2019	26	Y	6/30/2020
MI0004880	OAK PARK	OAKLAND	29,319	9/30/2019	25	Y	6/30/2020
MI0002960	HAMPTON TOWNSHIP	BAY	9,652	6/30/2019	21	Y	12/31/2019
MI0003020	HARPER WOODS	WAYNE	14,236	9/30/2019	20	Y	6/30/2020
MI0003840	LESLIE, CITY OF	INGHAM	1,872	9/30/2019	19	Y	6/30/2020
MI0000730	BIRMINGHAM	OAKLAND	20,472	9/30/2019	17	Y	6/30/2020
MI0003360	INKSTER	WAYNE	25,369	9/30/2019	17	Y	6/30/2020
MI0003100	HAZEL PARK	OAKLAND	16,400	9/30/2019	16	Y	6/30/2020
MI0002180	ESSEXVILLE, CITY OF	BAY	3,478	6/30/2019	14	Y	12/31/2019
MI0003520	KALAMAZOO	KALAMAZOO	150,000	6/30/2019	13	Y	12/31/2019
MI0000470	BAY CITY, CITY OF	BAY	34,932	6/30/2019	10	Y	12/31/2019
MI0003700	LAKE CITY, CITY OF	MISSAUKEE	836	6/30/2019	8	Y	12/31/2019
MI0002310	FLINT, CITY OF	GENESEE	98,310	6/30/2019	6	Y	12/31/2019
MI0004520	MOUNT MORRIS, CITY OF	GENESEE	3,086	6/30/2019	5	Y	12/31/2019
MI0006440	STURGIS	ST JOSEPH	11,920	6/30/2019	4	Y	9/30/2022

MI0000485	BAY CO. DEPT OF WATER & SEWER	BAY	8,664	6/30/2019	3	Y	12/31/2019
MI0001980	BREITUNG TWP.-EAST KINGSFORD	DICKINSON	1,200	6/30/2019	3	Y	12/31/2019
MI0006240	SPRINGFIELD	CALHOUN	3,833	6/30/2019	3	Y	12/31/2019
MI0001470	CLINTON	LENAAWEE	2,336	6/30/2019	1	Y	12/31/2019
MI0005034	ORONOKO TOWNSHIP	BERRIEN	2,310	6/30/2019	1	Y	12/31/2019
MI0001990	EAST LANSING, CITY OF	INGHAM	32,548	6/30/2019	0	Y	12/31/2019

Tom Poy
Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

From: Porter, Andrea <porter.andrea@epa.gov>
Sent: Friday, October 25, 2019 12:43 PM
To: Poy, Thomas <poy.thomas@epa.gov>; Crooks, Jennifer <crooks.jennifer@epa.gov>; Deltoral, Miguel <deltoral.miguel@epa.gov>
Subject: mi pb ales --> more data; corrected 5th liter Y/N field

Hi All,

Looks like Michigan has been cleaning up the "Includes 5th Liter?" field in their online database. Per screenshot below, Dearborn Heights now correctly says "Y" – note: there are more new Pb ALEs and "Y" values now (source: <https://www.michigan.gov/mileadsafe/0,9490,7-392-92796-500553--,00.html>):

Public Water Supply ID	System Name	County	Population	Last Monitoring Period End	Lead 90th Percentile (ppb)	Includes 5th liter?	Sampling Next Due (subject to change)
MI0004220	MELVINDALE	WAYNE	10,715	2019-09-30	370	Y	2020-06-30
MI0006042	SHERWOOD SHORES CONDOMINIUMS	BERRIEN	90	2019-06-30	99	N	2019-12-31
MI0005200	PARCHMENT	KALAMAZOO	3,174	2019-06-30	58	Y	2019-12-31
MI0003140	HIGHLAND PARK	WAYNE	11,776	2019-09-30	57	Y	2020-06-30
MI0000324	AUSABLE VALLEY COMMUNITY	OSCODA	147	2019-09-30	48	N	2020-06-30
MI0040649	COVENTRY WOODS MHC	LIVINGSTON	473	2019-09-30	39	N	2020-06-30
MI0001740	DEARBORN HEIGHTS	WAYNE	57,774	2019-09-30	34	Y	2020-06-30
MI0001420	CLARE, CITY OF	CLARE	3,118	2019-09-30	27	Y	2020-06-30
MI0000600	BENTON HARBOR	BERRIEN	9,970	2019-06-30	27	Y	2019-12-31
MI0002550	GARDEN CITY	WAYNE	27,625	2019-09-30	26	Y	2020-06-30
MI0004880	OAK PARK	OAKLAND	29,319	2019-09-30	25	Y	2020-06-30
MI0002659	GLENNWOODS SUBDIVISION	ALLEGAN	77	2019-09-30	23	N	2020-06-30
MI0007065	WHITE LAKE TOWNSHIP - DISTRIBUTION 2 (VILLAGE ACRES)	OAKLAND	5,799	2019-09-30	21	N	2020-06-30
MI0002960	HAMPTON TOWNSHIP	BAY	9,652	2019-06-30	21	Y	2019-12-31
MI0003020	HARPER WOODS	WAYNE	14,236	2019-09-30	20	Y	2020-06-30
MI0003840	LESLIE, CITY OF	INGHAM	1,872	2019-09-30	19	Y	2020-06-30
MI0000730	BIRMINGHAM	OAKLAND	20,472	2019-09-30	17	Y	2020-06-30
MI0003360	INKSTER	WAYNE	25,369	2019-09-30	17	Y	2020-06-30
MI0003100	HAZEL PARK	OAKLAND	16,400	2019-09-30	16	Y	2020-06-30

Thanks,
Andrea

From: Poy, Thomas <poy.thomas@epa.gov>

Sent: Wednesday, October 23, 2019 8:31 AM

To: Porter, Andrea <porter.andrea@epa.gov>; Crooks, Jennifer <crooks.jennifer@epa.gov>; Deltoral, Miguel <deltoral.miguel@epa.gov>

Subject: RE: mi pb ales --> per website, five PWS with higher 90th than Dearborn Heights

Why does Dearborn Heights have a "N" for "Includes 5th Liter"? They have LSLs and should have sampled the 5th liter in this latest round that is posted.

Tom Poy
Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

From: Porter, Andrea <porter.andrea@epa.gov>
Sent: Wednesday, October 23, 2019 8:26 AM
To: Crooks, Jennifer <crooks.jennifer@epa.gov>; Deltoral, Miguel <deltoral.miguel@epa.gov>
Cc: Poy, Thomas <poy.thomas@epa.gov>
Subject: mi pb ales --> per website, five PWS with higher 90th than Dearborn Heights

Hi All,

Michigan is posting Pb 90th percentiles on it's new website (see excerpt below). Per their website, there are 15 Pb ALEs at MI PWS so far based on 2019 samples. Results from PWS on annual/triennial that sample between June and September were due to the State by 10/10/2019. I'd expect we'll see more posted soon to Michigan's website soon.

Of the current list, Dearborn Heights has the largest population served. So, maybe that's why it was on the radar upstairs? I'm more worried about Melvindale with a Pb 90th percentile of 370 ppb.

Just thought seeing the current data might help you plan ahead for questions from higher up management.

Pb ALEs from 2019 data (Source: <https://www.michigan.gov/mileadsafe/0,9490,7-392-92796-500553--,00.html>):

Public Water Supply ID	System Name	County	Population	Last Monitoring Period End	Lead 90th Percentile (ppb)	Includes 5th liter?	Sampling Next Due (subject to change)
MI0004220	MELVINDALE	WAYNE	10,715	9/30/2019	370	N	6/30/2020
MI0006042	SHERWOOD SHORES CONDOMINIUMS	BERRIEN	90	6/30/2019	99	N	12/31/2019
MI0005200	PARCHMENT	KALAMAZOO	3,174	6/30/2019	58	Y	12/31/2019
MI0003140	HIGHLAND PARK	WAYNE	11,776	9/30/2019	57	Y	6/30/2020
MI0040649	COVENTRY WOODS MHC	LIVINGSTON	473	9/30/2019	39	N	6/30/2020
MI0001740	DEARBORN HEIGHTS	WAYNE	57,774	9/30/2019	34	N	6/30/2020
MI0000600	BENTON HARBOR	BERRIEN	9,970	6/30/2019	27	Y	12/31/2019
MI0001420	CLARE, CITY OF	CLARE	3,118	9/30/2019	27	Y	6/30/2020
MI0002550	GARDEN CITY	WAYNE	27,625	9/30/2019	26	Y	6/30/2020
MI0002659	GLENNWOODS SUBDIVISION	ALLEGAN	77	9/30/2019	23	N	6/30/2020
MI0002960	HAMPTON TOWNSHIP	BAY	9,652	6/30/2019	21	Y	12/31/2019
MI0007065	WHITE LAKE TOWNSHIP - DISTRIBUTION 2 (VILLAGE ACRES)	OAKLAND	5,799	9/30/2019	21	N	6/30/2020
MI0003020	HARPER WOODS	WAYNE	14,236	9/30/2019	20	Y	6/30/2020
MI0003840	LESLIE, CITY OF	INGHAM	1,872	9/30/2019	19	Y	6/30/2020
MI0000730	BIRMINGHAM	OAKLAND	20,472	9/30/2019	17	Y	6/30/2020

Thanks,

Andrea Porter

Environmental Engineer | Ground Water & Drinking Water Branch | U.S. EPA, Region 5

Email: porter.andrea@epa.gov | Phone: 312.886.4427